

Roomasa Channa

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,249
citations

471509

17
h-index

377865

34
g-index

54
all docs

54
docs citations

54
times ranked

1518
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology of Eye-Related Emergency Department Visits. JAMA Ophthalmology, 2016, 134, 312.	2.5	227
2	Epidemiologic Trends of Chemical Ocular Burns in the United States. JAMA Ophthalmology, 2016, 134, 1119.	2.5	92
3	Encephalitis and myelitis associated with dengue viral infection. Clinical Neurology and Neurosurgery, 2008, 110, 635-640.	1.4	85
4	Alterations in the retinal vasculature occur in multiple sclerosis and exhibit novel correlations with disability and visual function measures. Multiple Sclerosis Journal, 2020, 26, 815-828.	3.0	66
5	Characterization of macular lesions in punctate inner choroidopathy with spectral domain optical coherence tomography. Journal of Ophthalmic Inflammation and Infection, 2012, 2, 113-120.	2.2	65
6	Pro-permeability Factors in Diabetic Macular Edema; the Diabetic Macular Edema Treated With Ozurdex Trial. American Journal of Ophthalmology, 2016, 168, 13-23.	3.3	56
7	Cost-effectiveness of Autonomous Point-of-Care Diabetic Retinopathy Screening for Pediatric Patients With Diabetes. JAMA Ophthalmology, 2020, 138, 1063.	2.5	50
8	Retinal Neurodegeneration as an Early Manifestation of Diabetic Eye Disease and Potential Neuroprotective Therapies. Current Diabetes Reports, 2019, 19, 17.	4.2	48
9	Regression of Choroidal Neovascularization Results in Macular Atrophy in Anti-Vascular Endothelial Growth Factor-Treated Eyes. American Journal of Ophthalmology, 2015, 159, 9-19.e2.	3.3	45
10	Mycophenolate Mofetil and Fundus Autofluorescence in the Management of Recurrent Punctate Inner Choroidopathy. Ocular Immunology and Inflammation, 2011, 19, 286-292.	1.8	44
11	The Relationship Between Macular Sensitivity and Retinal Thickness in Eyes With Diabetic Macular Edema. American Journal of Ophthalmology, 2011, 152, 400-405.e2.	3.3	40
12	Robotic Vitreoretinal Surgery. Retina, 2017, 37, 1220-1228.	1.7	38
13	Treatment of macular edema due to retinal vein occlusions. Clinical Ophthalmology, 2011, 5, 705.	1.8	33
14	Disparities in Access to Surgical Care within a Lower Income Country: An Alarming Inequity. World Journal of Surgery, 2013, 37, 1470-1477.	1.6	33
15	The SEE Study: Safety, Efficacy, and Equity of Implementing Autonomous Artificial Intelligence for Diagnosing Diabetic Retinopathy in Youth. Diabetes Care, 2021, 44, 781-787.	8.6	27
16	Racial/Ethnic Disparities and Barriers to Diabetic Retinopathy Screening in Youths. JAMA Ophthalmology, 2021, 139, 791.	2.5	21
17	Changing patterns and outcome of Dengue infection; report from a tertiary care hospital in Pakistan. JPMA the Journal of the Pakistan Medical Association, 2008, 58, 488-9.	0.2	18
18	Intercellular Adhesion Molecule Inhibitors as Potential Therapy for Refractory Uveitic Macular Edema. Ocular Immunology and Inflammation, 2010, 18, 395-398.	1.8	16

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19	Estimating the Global Demand and Delivery of Cancer Surgery. <i>World Journal of Surgery</i> , 2019, 43, 2203-2210.	1.6	15
20	Pediatric Diabetic Retinopathy: Updates in Prevalence, Risk Factors, Screening, and Management. <i>Current Diabetes Reports</i> , 2021, 21, 56.	4.2	15
21	Early experience with intravitreal bevacizumab combined with laser treatment for retinopathy of prematurity. <i>Middle East African Journal of Ophthalmology</i> , 2010, 17, 264.	0.3	14
22	Epidemiology of Hyphema-Related Emergency Department Visits in The United States Between 2006 and 2015. <i>Ophthalmic Epidemiology</i> , 2019, 26, 208-215.	1.7	14
23	Image Artifacts in Optical Coherence Tomography Angiography Among Patients With Multiple Sclerosis. <i>Current Eye Research</i> , 2019, 44, 558-563.	1.5	14
24	Autonomous Artificial Intelligence in Diabetic Retinopathy: From Algorithm to Clinical Application. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 695-698.	2.2	14
25	Clinical and Demographic Factors Associated With Diabetic Retinopathy Among Young Patients With Diabetes. <i>JAMA Network Open</i> , 2021, 4, e2126126.	5.9	14
26	Macular sensitivity and fixation patterns in normal eyes and eyes with uveitis with and without macular edema. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2012, 2, 65-73.	2.2	13
27	Retinal Imaging for Neurological Diseases: "A Window into the Brain" <i>International Ophthalmology Clinics</i> , 2019, 59, 137-154.	0.7	13
28	Potential reduction in healthcare carbon footprint by autonomous artificial intelligence. <i>Npj Digital Medicine</i> , 2022, 5, 62.	10.9	13
29	Transport time to trauma facilities in Karachi: an exploratory study. <i>International Journal of Emergency Medicine</i> , 2008, 1, 201-204.	1.6	12
30	Prevalence of diabetic retinopathy in children and adolescents at an urban tertiary eye care center. <i>Pediatric Diabetes</i> , 2020, 21, 856-862.	2.9	10
31	Sclerochoroidal Calcifications Imaged Using Enhanced Depth Imaging Optical Coherence Tomography. <i>Ocular Immunology and Inflammation</i> , 2012, 20, 190-192.	1.8	9
32	Single transient intraocular pressure elevations cause prolonged retinal ganglion cell dysfunction and retinal capillary abnormalities in mice. <i>Experimental Eye Research</i> , 2020, 201, 108296.	2.6	9
33	Educating and Informing Patients Receiving Psychopharmacological Medications: Are Family Physicians in Pakistan up to the Task?. <i>PLoS ONE</i> , 2009, 4, e4620.	2.5	9
34	Real-world validation of artificial intelligence algorithms for ophthalmic imaging. <i>The Lancet Digital Health</i> , 2021, 3, e463-e464.	12.3	8
35	Detecting retinal neurodegeneration in people with diabetes: Findings from the UK Biobank. <i>PLoS ONE</i> , 2021, 16, e0257836.	2.5	8
36	Different Factors Associated with 2-Year Outcomes in Patients with Branch versus Central Retinal Vein Occlusion Treated with Ranibizumab. <i>Ophthalmology</i> , 2019, 126, 1695-1702.	5.2	7

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37	Shortest Distance From Fovea to Subfoveal Hemorrhage Border Is Important in Patients With Neovascular Age-related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2018, 189, 86-95.	3.3	5
38	Real-world Outcomes among Eyes with Center-Involving Diabetic Macular Edema and Good Visual Acuity. <i>Current Eye Research</i> , 2020, 45, 879-887.	1.5	4
39	Artificial Intelligence Algorithms in Diabetic Retinopathy Screening. <i>Current Diabetes Reports</i> , 2022, 22, 267-274.	4.2	4
40	Voclosporin: a potentially promising therapeutic agent for noninfectious uveitis. <i>Expert Review of Ophthalmology</i> , 2011, 6, 281-286.	0.6	3
41	Evaluation of retinal nerve fibre layer thickness as a possible measure of diabetic retinal neurodegeneration in the EPIC-Norfolk Eye Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 705-711.	3.9	3
42	Diagnostic and Therapeutic Challenges. <i>Retina</i> , 2009, 29, 1045-1051.	1.7	2
43	More Than Just Optic Disc Swelling. <i>JAMA Ophthalmology</i> , 2013, 131, 1477.	2.5	2
44	Analysis of Health System Size and Variability in Diabetic Eye Disease Screening in Wisconsin. <i>JAMA Network Open</i> , 2022, 5, e2143937.	5.9	2
45	Central corneal thickness of Pakistani adults. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2009, 59, 225-8.	0.2	2
46	Impact of the COVID-19 pandemic on visual outcomes of diabetic macular edema patients at a tertiary care veterans affairs center. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 759-768.	1.9	2
47	Importance of proper diagnosis for management: multifocal choroiditis mimicking ocular histoplasmosis syndrome. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2011, 1, 55-63.	2.2	1
48	Comparison of Visual Field Parameters in Early and Advanced Stages of Multiple Sclerosis Patients Without a History of Optic Neuritis. <i>Neuro-Ophthalmology</i> , 2013, 37, 58-62.	1.0	1
49	Intravitreal Chemotherapy for Retinoblastoma. <i>Advances in Ophthalmology and Optometry</i> , 2016, 1, 273-285.	0.3	1
50	Reply. <i>American Journal of Ophthalmology</i> , 2016, 170, 245-246.	3.3	1
51	Prevalence and Consequences of Perceived Vision Difficulty in Aging Adults with HIV Infection. <i>American Journal of Ophthalmology</i> , 2020, 218, 268-278.	3.3	1
52	Purtscher-Like Retinopathy in Hemolytic Uremic Syndrome. <i>JAMA Ophthalmology</i> , 2019, 137, e183911.	2.5	0
53	Detection of Age-Related Macular Degeneration by Portable Optical Coherence Tomography Operated by Nonexpert Personnel: Potential Use for Screenings. <i>Journal of Vitreoretinal Diseases</i> , 2019, 3, 16-20.	0.7	0
54	A Case of Traumatic Choroidopathy With Subretinal Fluid. <i>Journal of Vitreoretinal Diseases</i> , 2021, 5, 165-169.	0.7	0